

Converting Colors

Hex(4F0246)

Have a look what the booklet for
Hex(4F0246) contains.

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Color

Hex(4F0246)

Conversions

Conversions Part 1

Format	Color
Hex	4F0246
RGB	79, 2, 70
RGB Percent	31%, 1%, 27%
CMY	0.6902, 0.9922, 0.7255
CMYK	0.00, 0.97, 0.11, 0.69
HSL	307°, 95%, 16%
HSV	307°, 97%, 31%
XYZ	4.3516, 2.1479, 5.9796
YIQ	32.7750, 24.0640, 37.4720

Conversions

Conversions Part 2

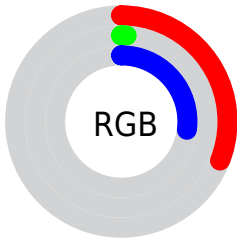
Format	Color
R_{YB}	79, 2, 70
Decimal	5177926
CIE _{Lab}	16.24, 39.89, -20.43
CIE _{LCh}	16, 44.811, 332.882
Yxy	2.1479, 0.3487, 0.1721
Android (android.graphics.Color)	4283368006 (0xFF4F0246)
YUV	32.7750, 18.3519, 40.5393
Hunter-Lab	14.6556, 27.3540, -13.9317

Details

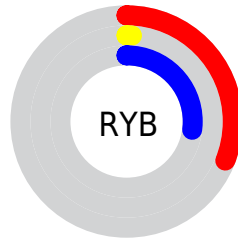
The Hex color **4F0246** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **024F0B**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **833A77**, and **1F001A** is the 20% darker color. If you saturate the color by 10%, you get **4F0046**, and if you desaturate by 10%, it is **4F0A47**.

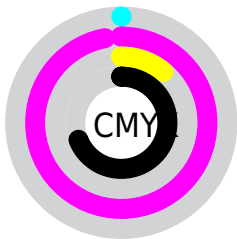
Distribution



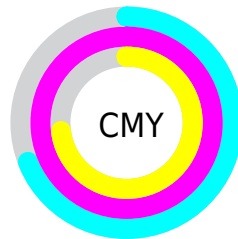
- Red (31%)
- Green (1%)
- Blue (27%)



- Red (31%)
- Yellow (1%)
- Blue (27%)



- Cyan (0%)
- Magenta (97%)
- Yellow (11%)
- Black (69%)



- Cyan (69%)
- Magenta (99%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F0246 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4F0246 by changing the saturation by 10% instead.

 4F0246

 4F0246

 FFF6FF

 36002F

 833A77

 1F001A

 9E5390

 000000

 BA6CAB

 D687C6

 F3A2E3

 FFBDFE

 FFD9FF

 4F0246

 4F0246

■ 4F0046

■ 4F0A47

■ 4F1248

■ 4F1A49

■ 4F224A

■ 4F294B

■ 4F314C

■ 4F394C

■ 4F414D

■ 4F494E

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



261E5F



4F0246



5D0027

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4F0246



302800



00354B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4F0246



024F0B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00352B



4F0246



0D3000

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4F0246



491A00



003305



003362

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4F0246



5C0012



003305



003540

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4F0246



664863



0B024F



332131



B3B3B3



333333

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4F0246



66005A



4F0220



262226



E600CB

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4F0246



66005A



024F31



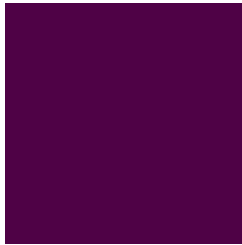
262226



E600CB

Previews

White Background



This preview shows how the Hex color 4F0246 looks on a white background.

Color Contrast Check

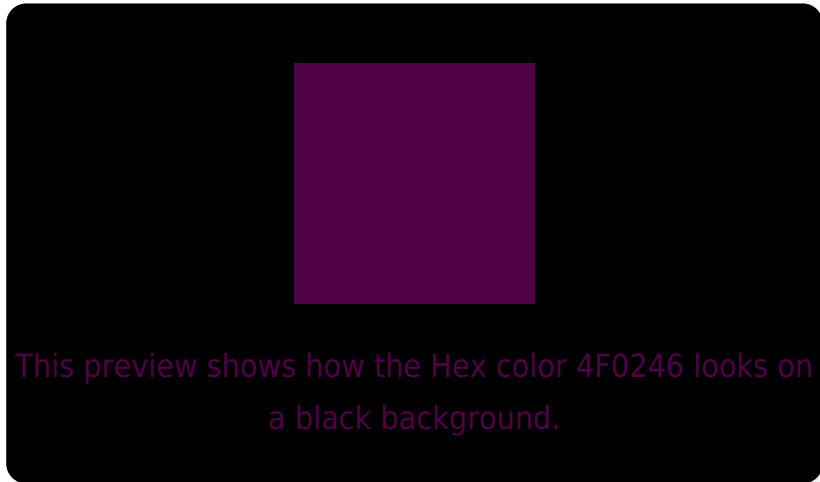
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

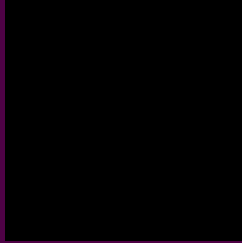
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4F0246 Background



This preview shows how black text looks on a background with the Hex color 4F0246.



This preview shows how white text looks on a background with the Hex color 4F0246.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
4F0246

Protanopia
002B5A

Deuteranopia
222C42



Tritanopia
4B1C1D

Trichromacy



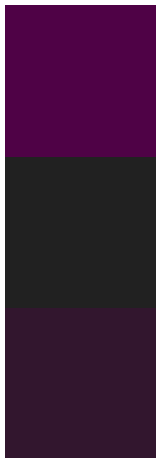
Original Color
4F0246

Protanomaly
1D1C53

Deuteranomaly
321D43

Tritanomaly
4C132C

Monochromacy



Original Color
4F0246

Achromatopsia
212121

Achromatomaly
32162E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F0246 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4F0246 looks like.

```
.text, #text, p{  
    color:#4F0246  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4F0246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0246
}
```

Border

The CSS property to change the border of an element to Hex 4F0246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

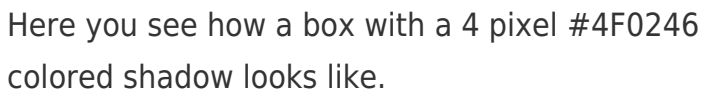
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F0246 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4F0246 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #4F0246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0246; -webkit-box-shadow:4px 4px  
4px 4px #4F0246; box-shadow:4px 4px 4px  
4px #4F0246 }
```

Background

The CSS property to change the background color of an element to Hex 4F0246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0246 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4F0246 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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